APPROVED BY DRAFTSMAN	O.G. FIG. CLASS	SUBCLASS

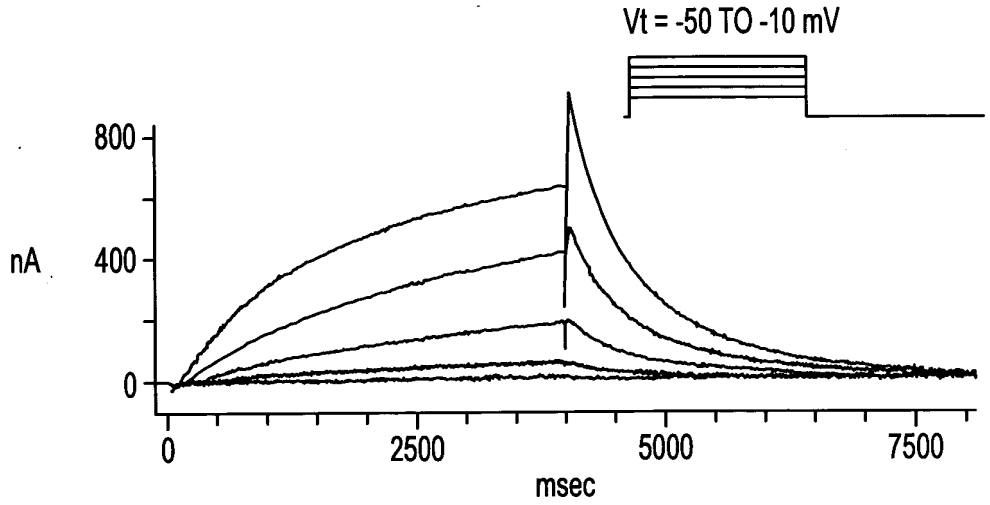


FIG. 1A

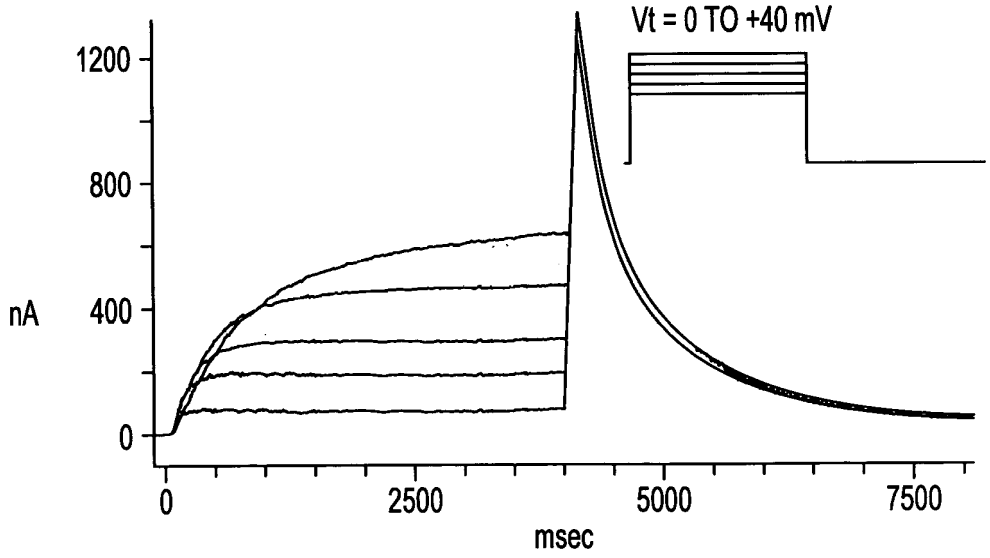


FIG. 1B

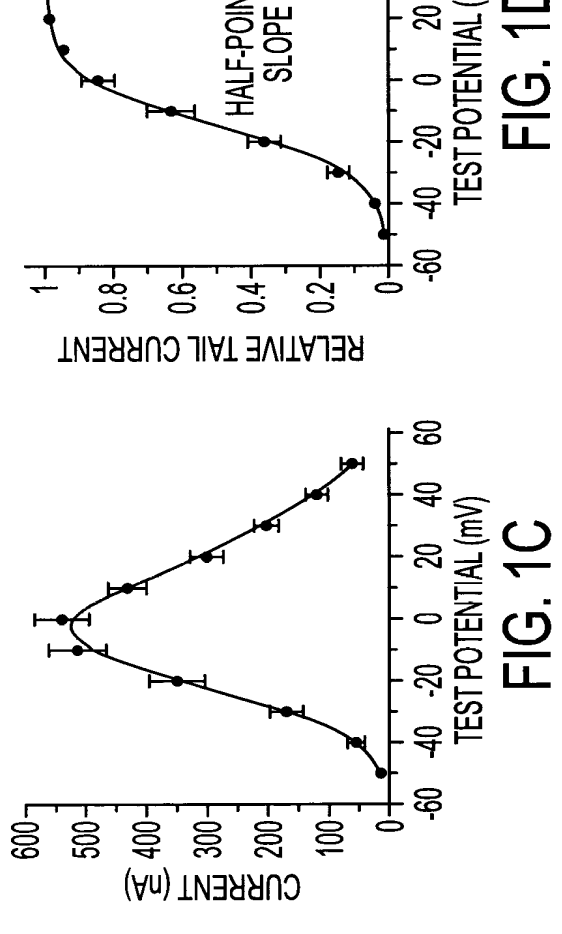
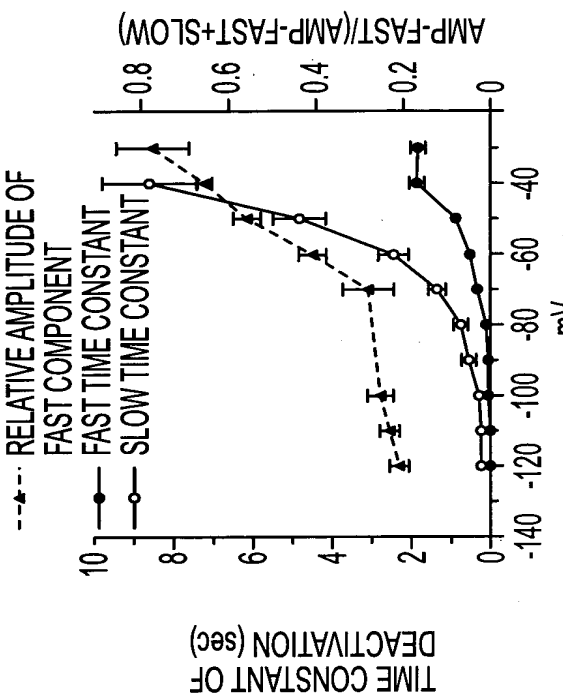


FIG. 1D

FIG. 1C



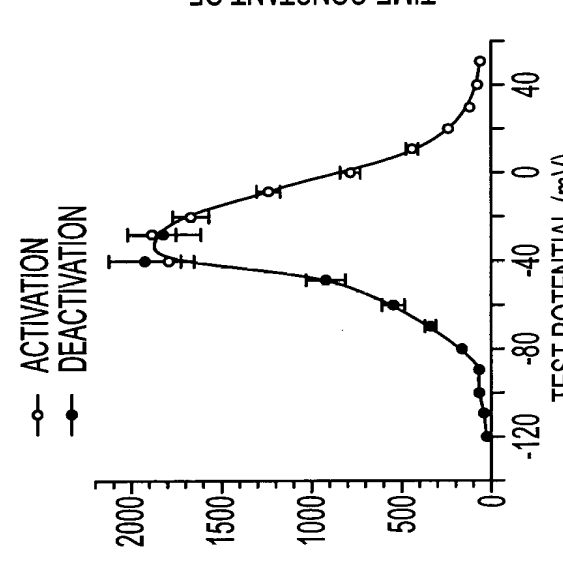


FIG. 2D

FIG. 2C

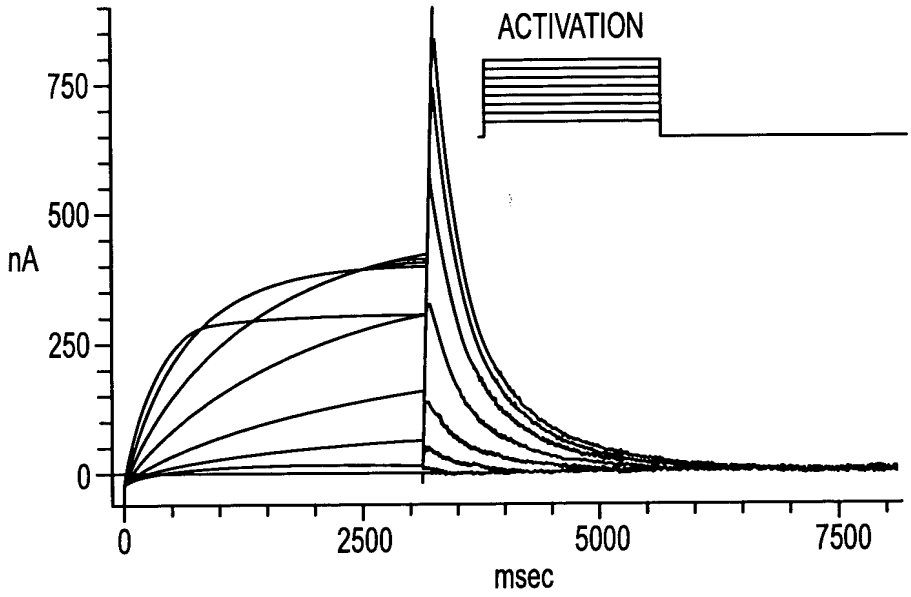


FIG. 2A

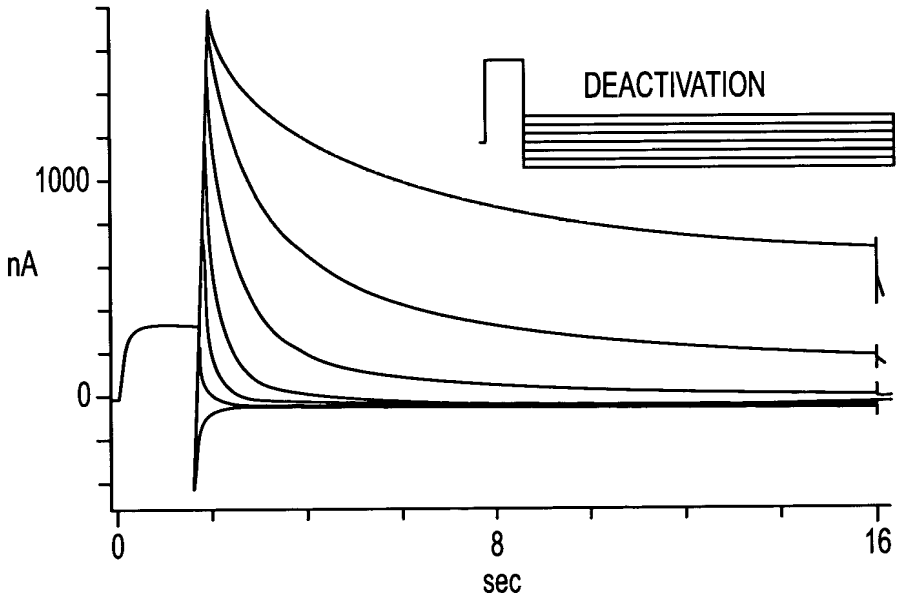


FIG. 2B

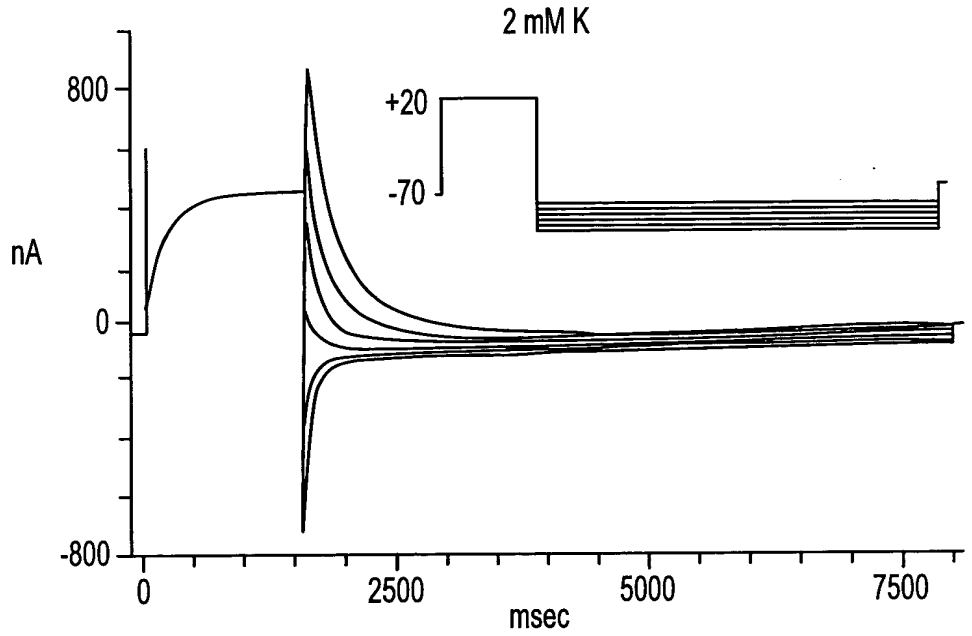


FIG. 3A

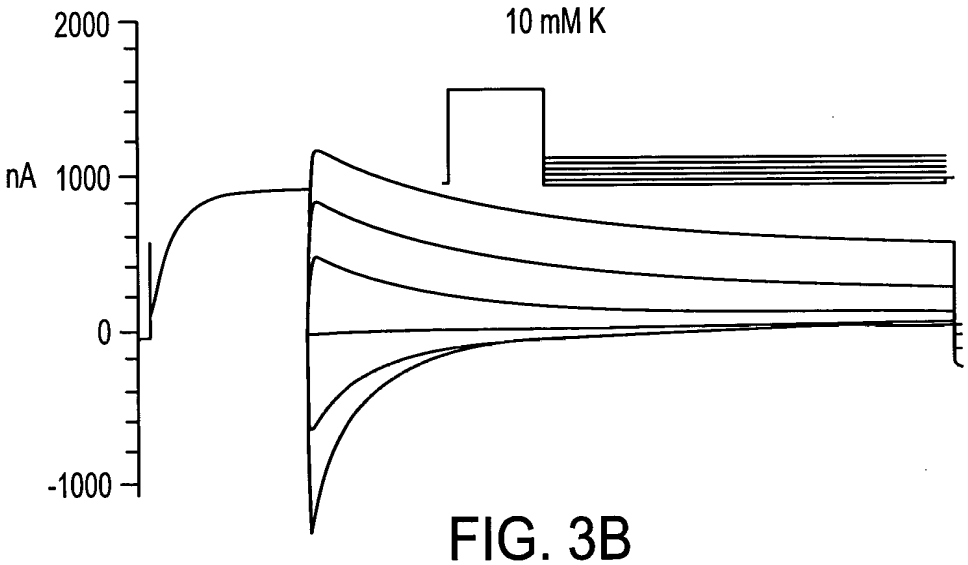


FIG. 3B

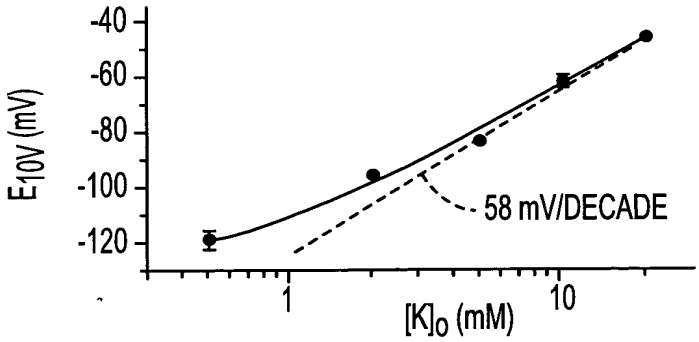


FIG. 3C

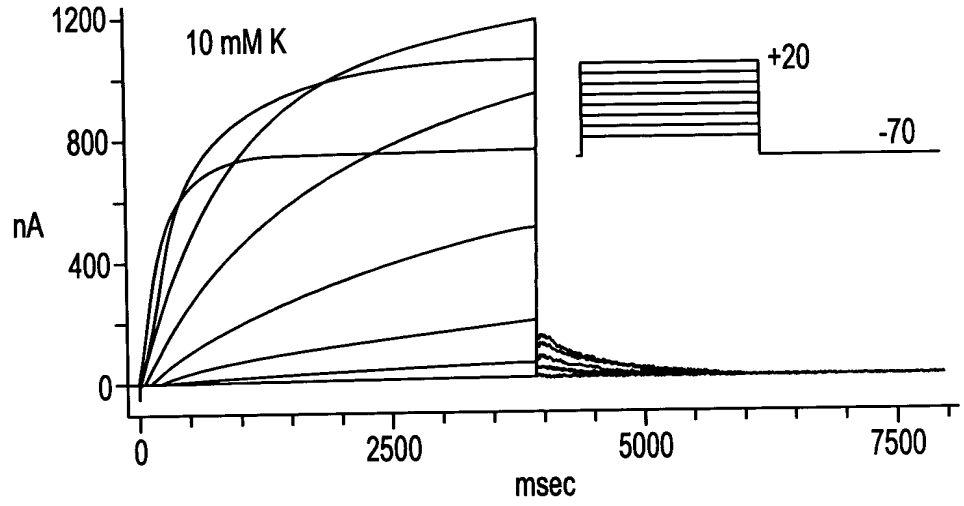


FIG. 4A

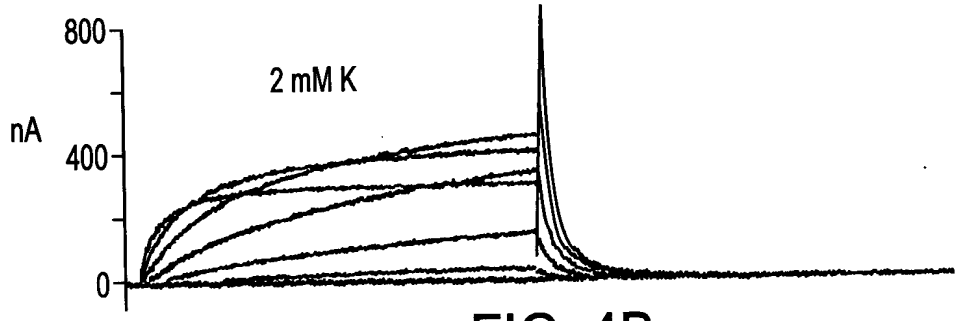


FIG. 4B

FIG. 4C

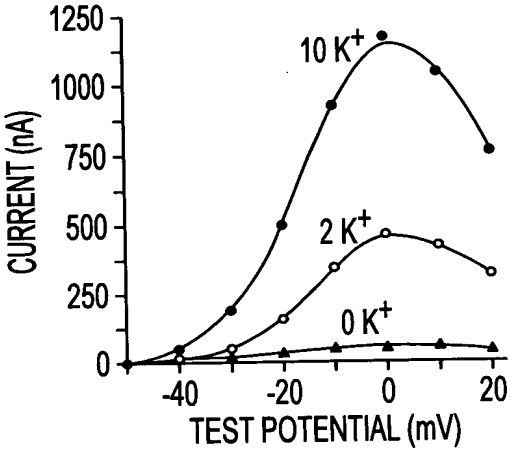


FIG. 4D

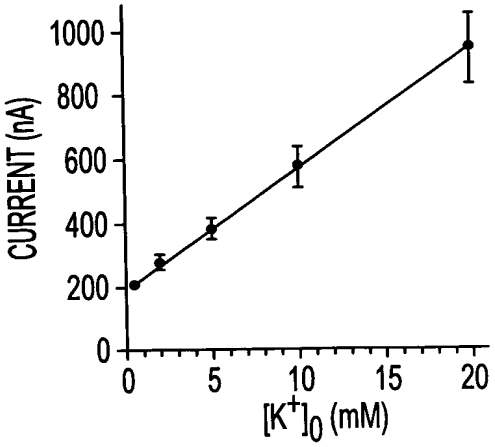


FIG. 4E

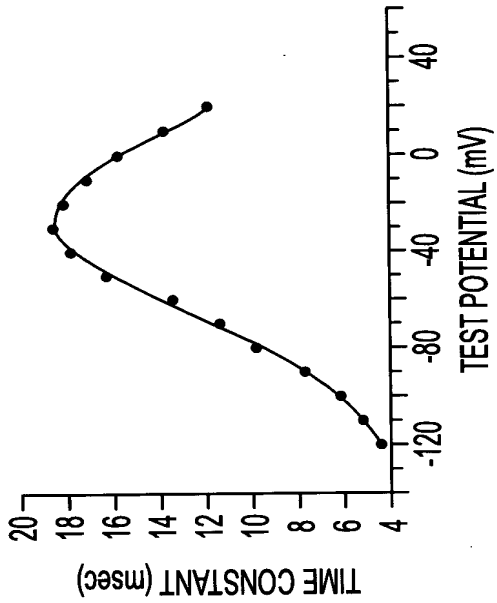


FIG. 5B

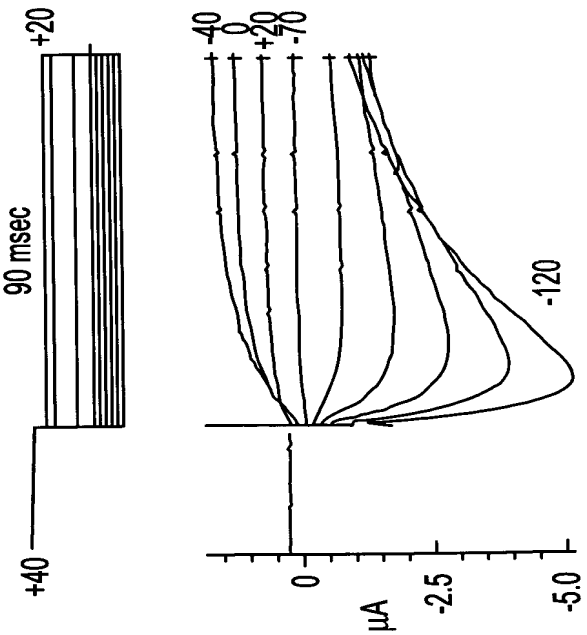


FIG. 5A

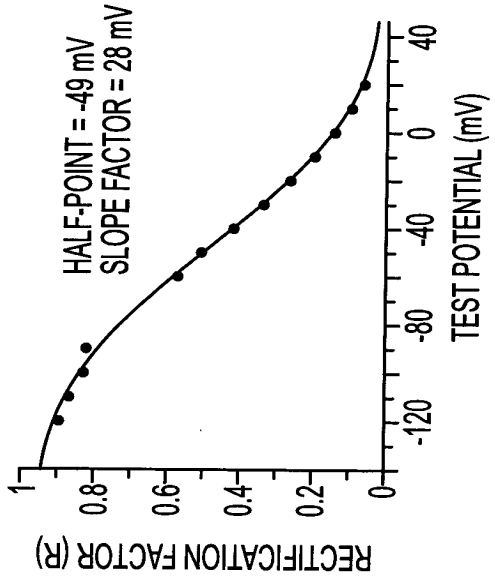

HALF-POINT = -49 mV
SLOPE FACTOR = 28 mV
RECTIFICATION FACTOR (R)
1
0.8
0.6
0.4
0.2
0
40
0
-40
-80
-120
TEST POTENTIAL (mV)

FIG. 5D

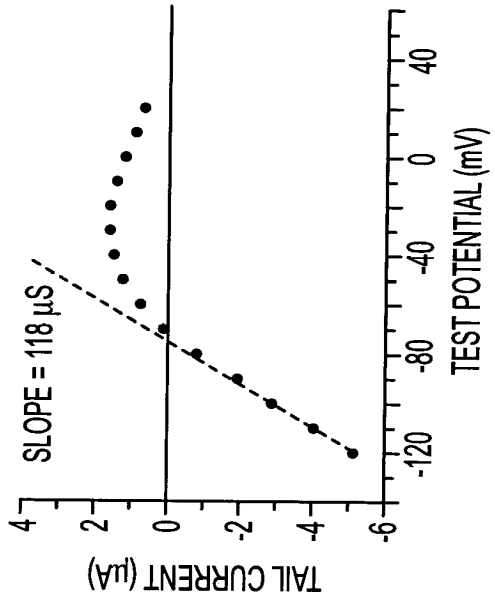

SLOPE = 118 µS
TAIL CURRENT (µA)
4
2
0
-2
-4
-6
40
0
-40
-80
-120
TEST POTENTIAL (mV)

FIG. 5C

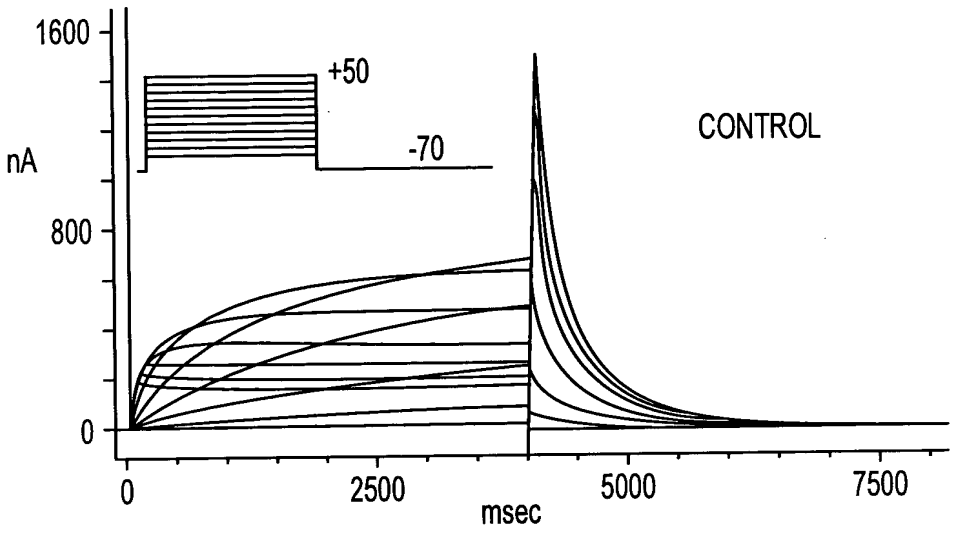


FIG. 6A

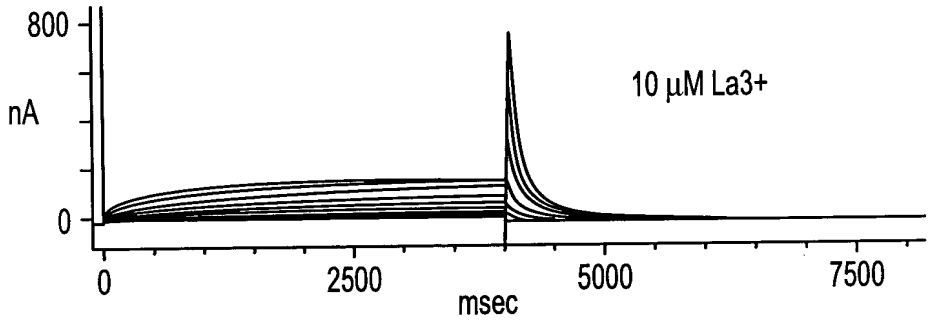


FIG. 6B

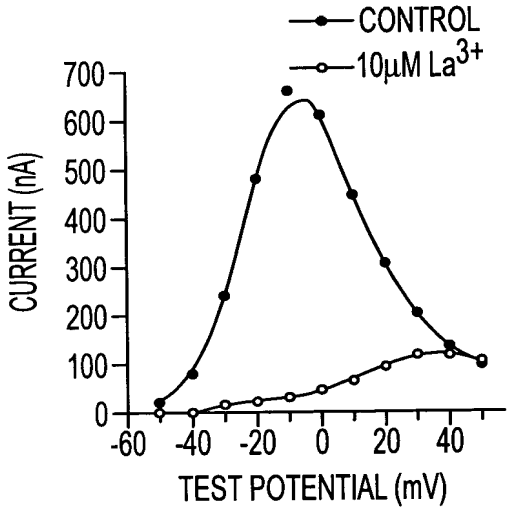


FIG. 6C

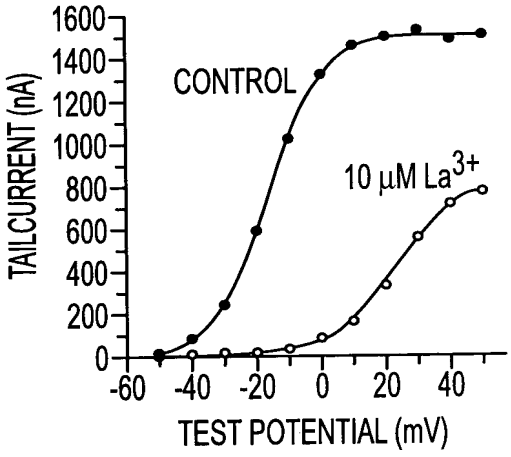


FIG. 6D

APPROVED BY DRAFTSMAN	O.G. FIG. CLASS	SUBCLASS

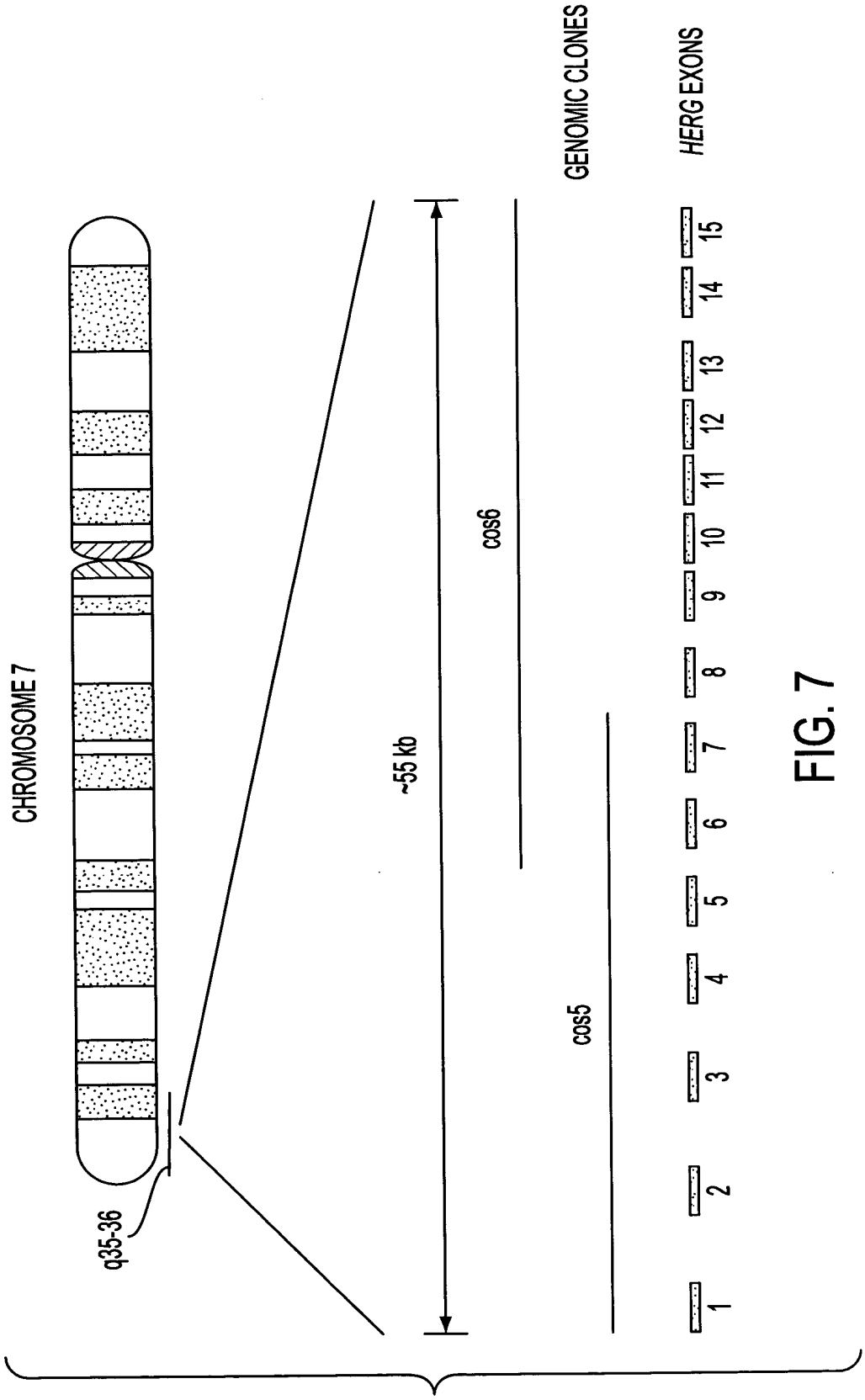


FIG. 7

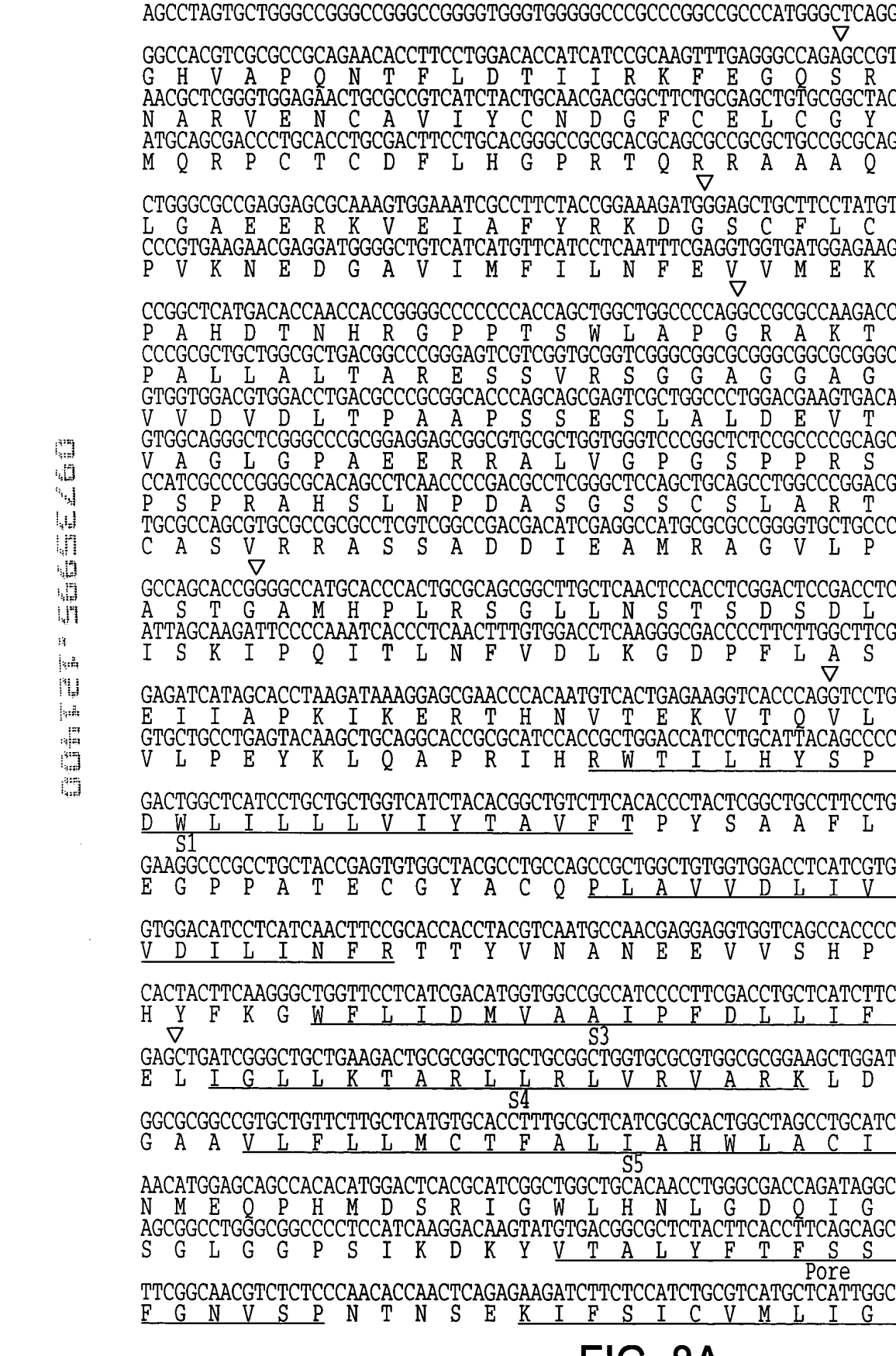


FIG. 8A

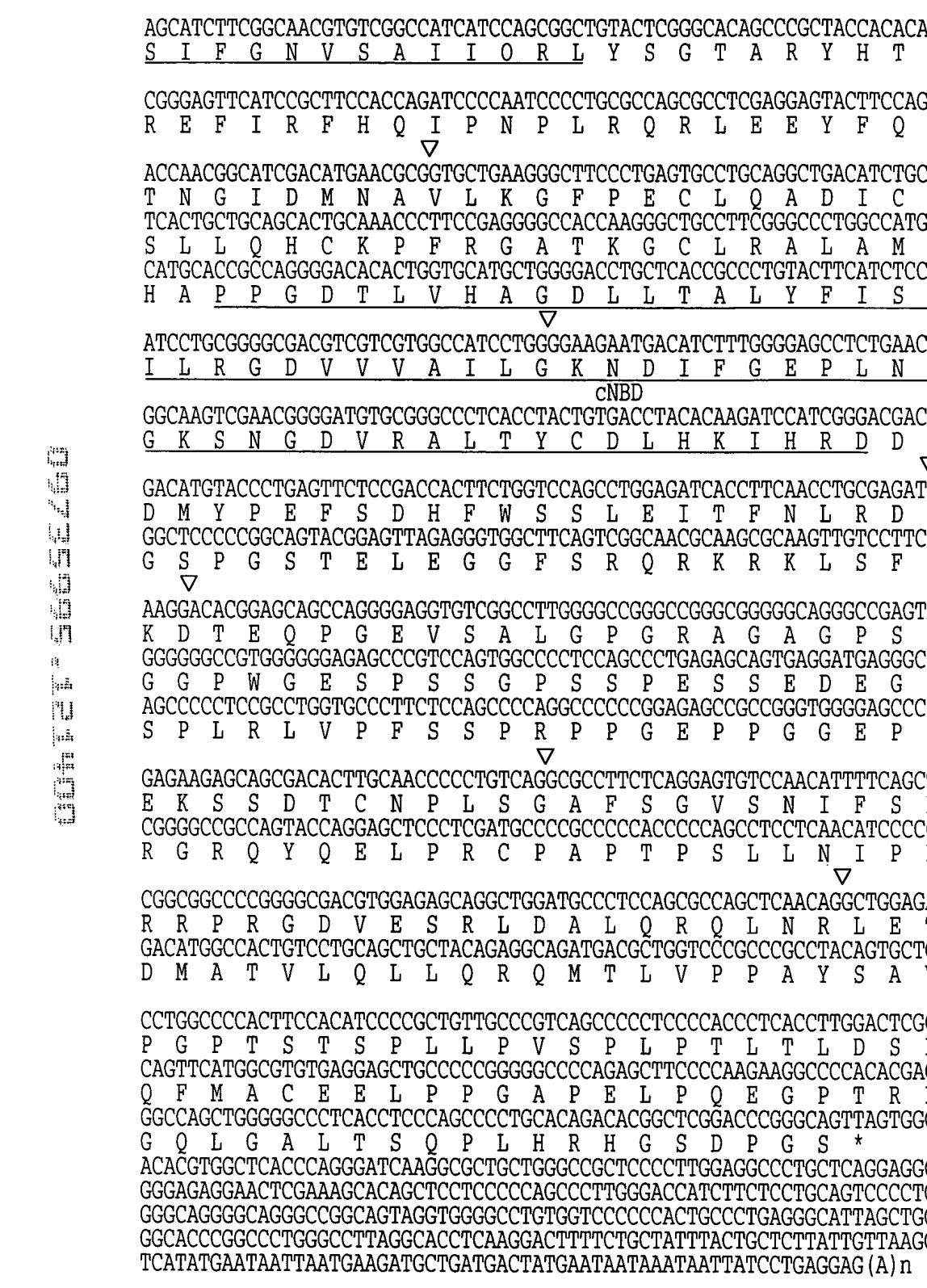


FIG. 8B

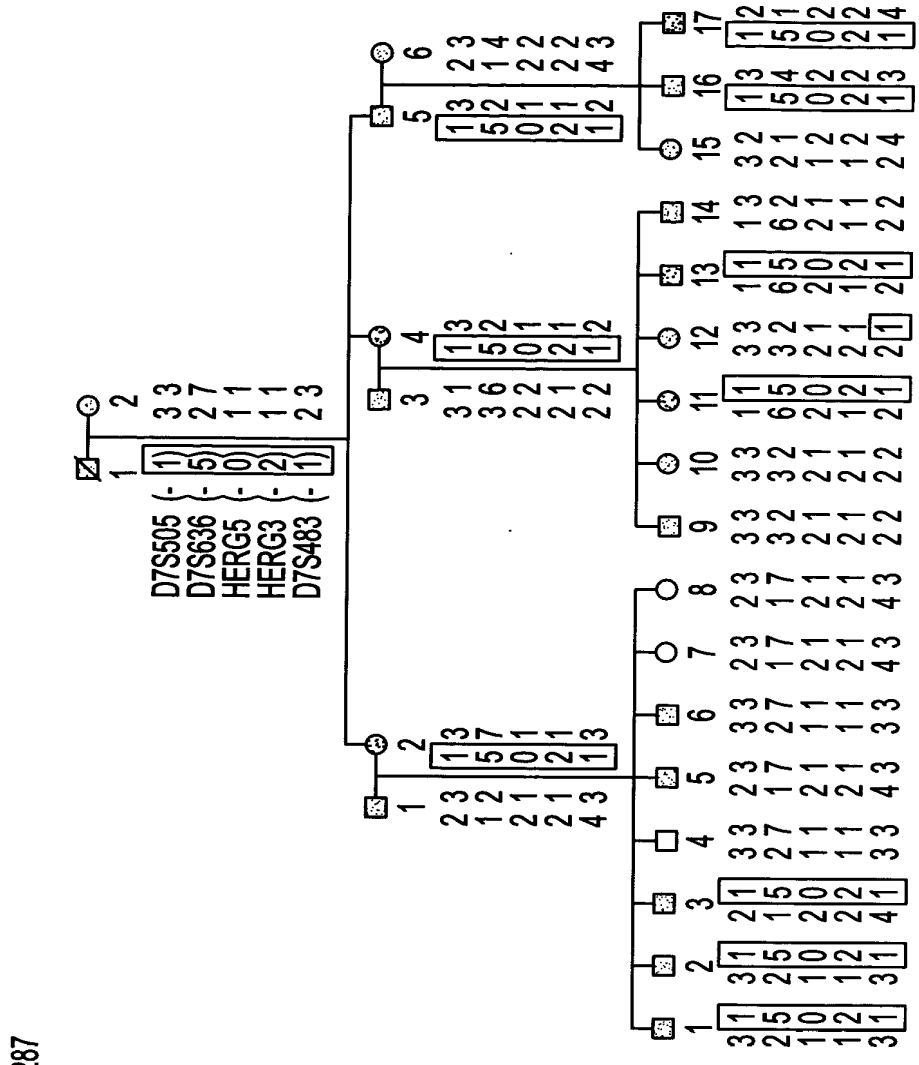


FIG. 9B

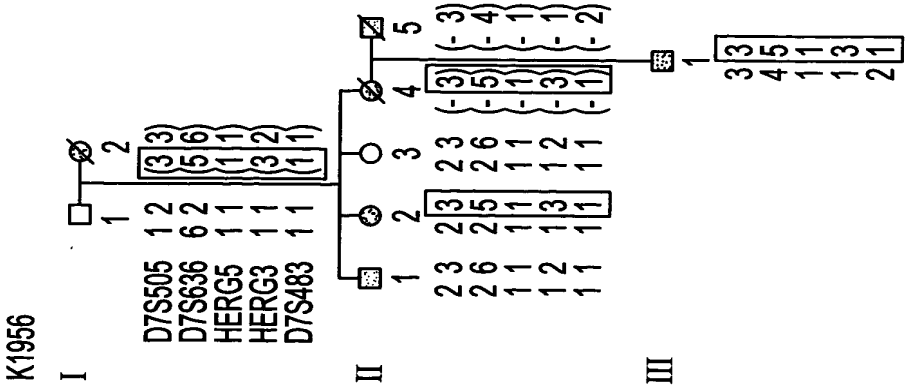


FIG. 9A

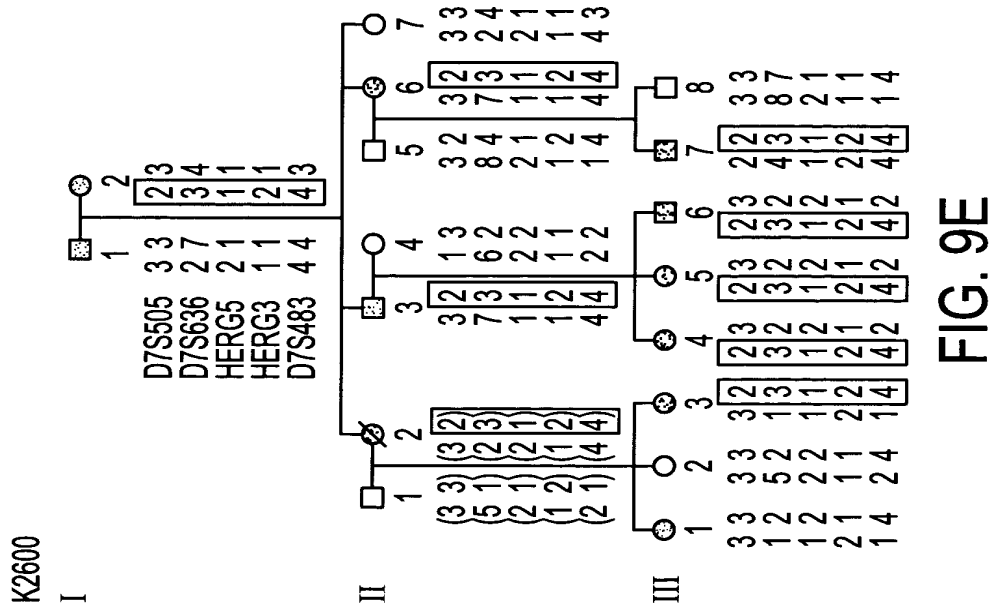


FIG. 9E

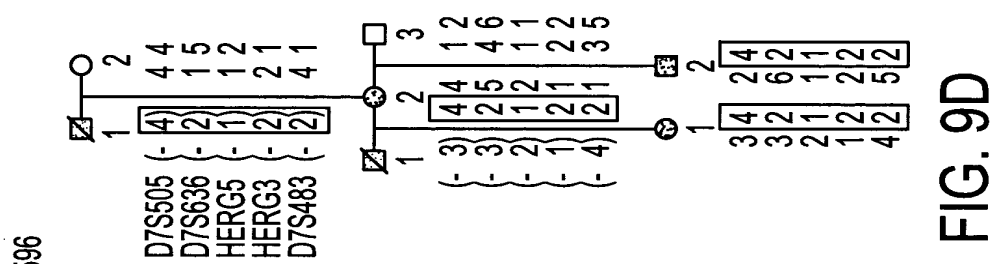


FIG. 9D

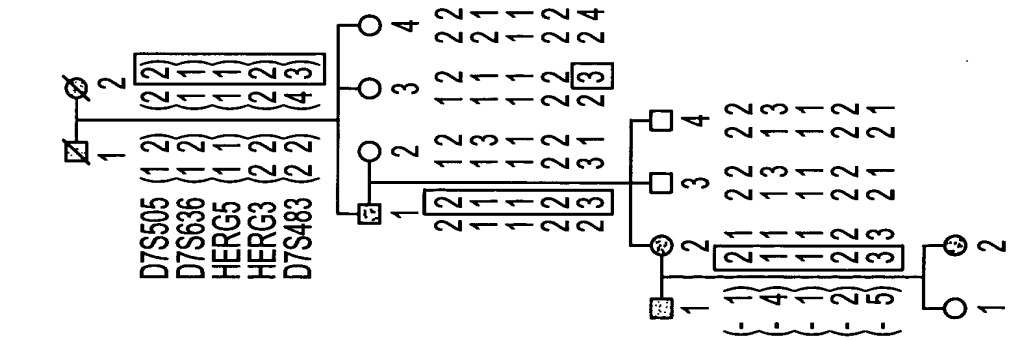
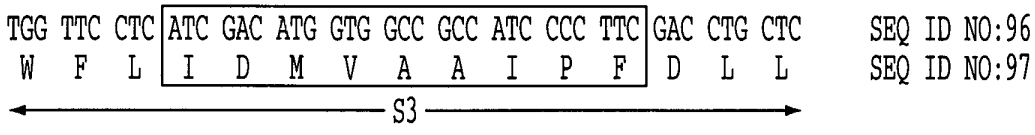


FIG. 9C



SEQ ID NO:96
SEQ ID NO:97

FIG. 10C

SEQ ID NO:98
SEQ ID NO:99
SEQ ID NO:100
SEQ ID NO:101

FIG. 11C

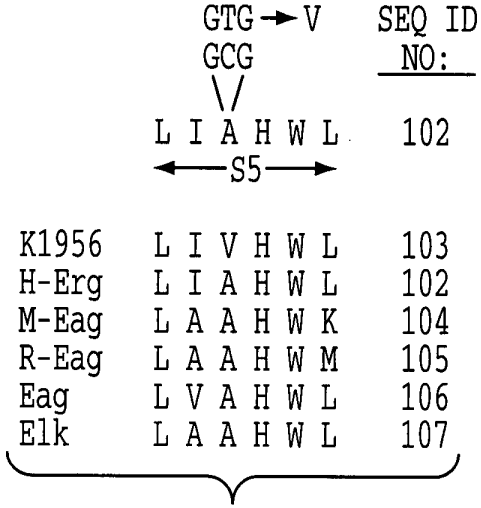


FIG. 12G

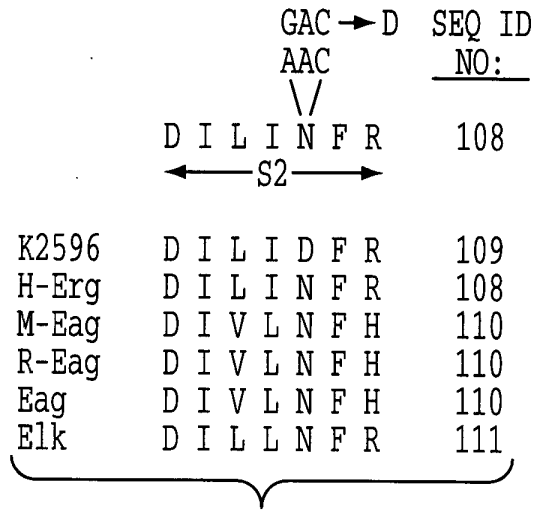


FIG. 12H

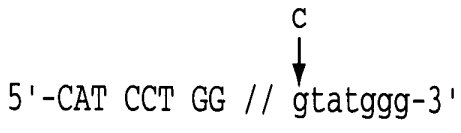


FIG. 12I

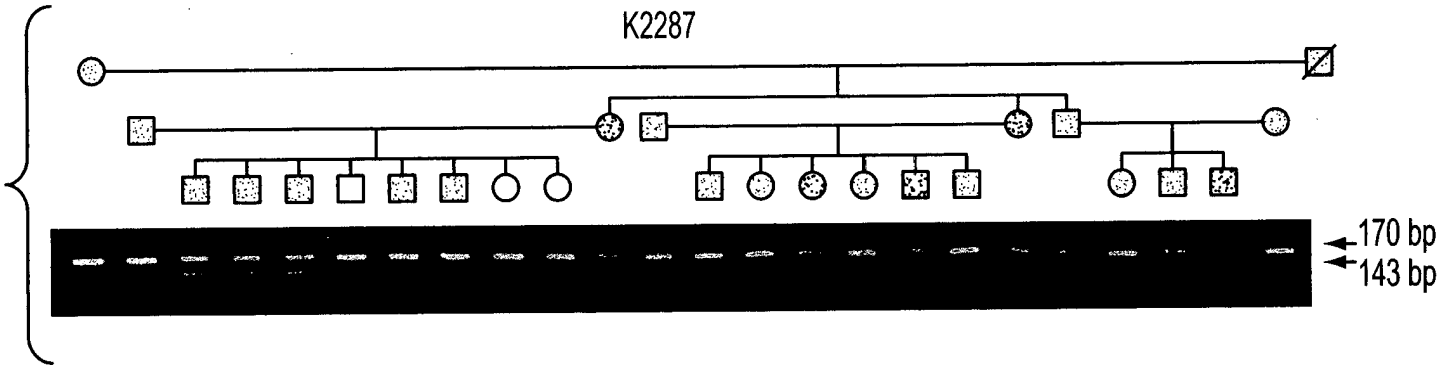


FIG. 10A

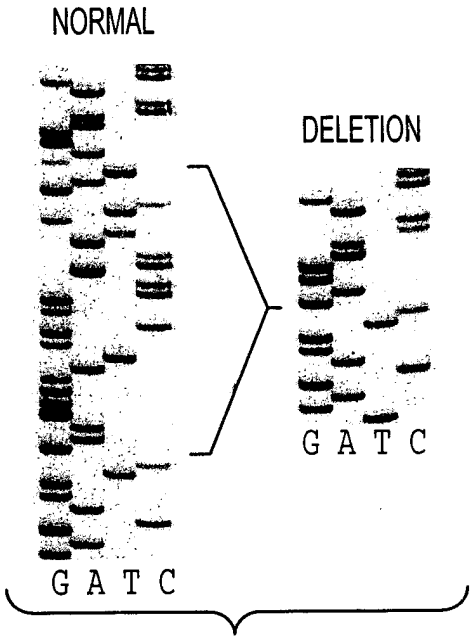


FIG. 10B

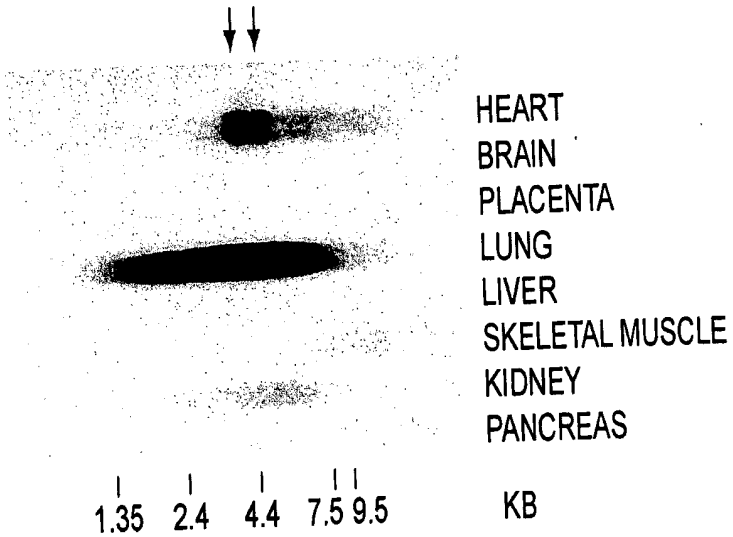


FIG. 15

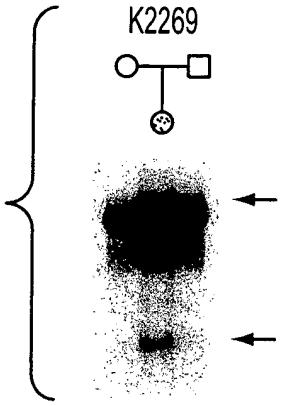


FIG. 14A

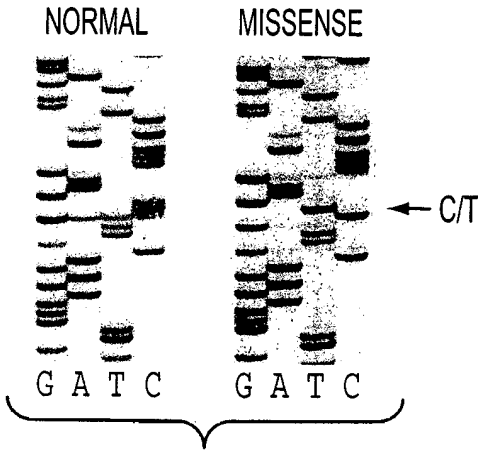


FIG. 14B

		SEQ ID NO:
	S V G F G N V S (AGC → S, GGC)	112
	← PORE →	
K2269	S V G F S N V S	113
H-Erg	S V G F G N V S	112
M-Eag	S V G F G N I A	114
R-Eag	S V G F G N I A	114
Eag	S V G F G N V A	115
Elk	S V G F G N V S	112
Shaker	T V G Y G D M T	116

FIG. 14C

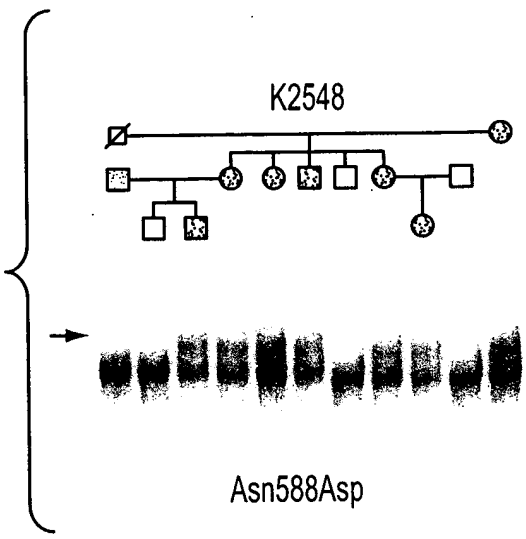


FIG. 13A

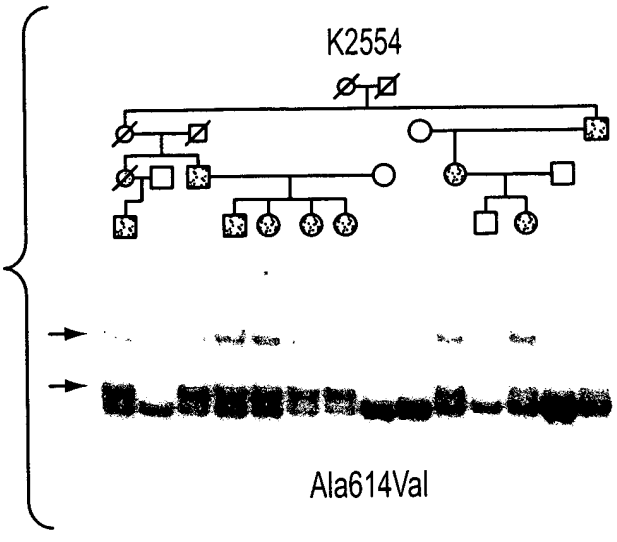


FIG. 13B

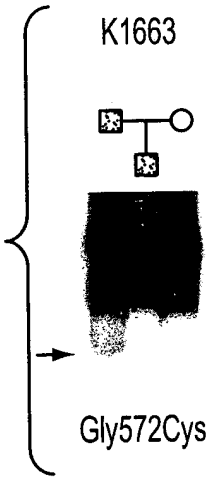


FIG. 13C

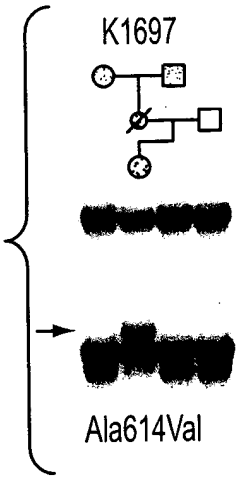


FIG. 13D

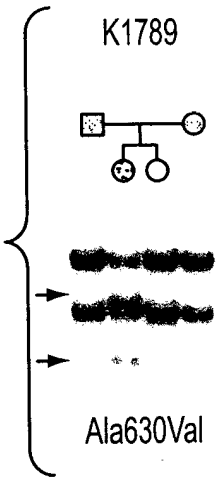


FIG. 13E

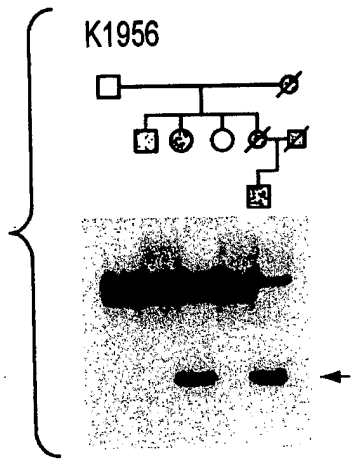


FIG. 12A

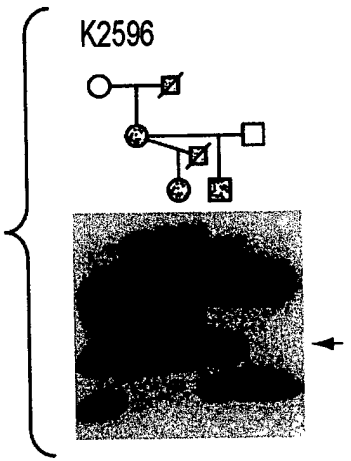


FIG. 12C

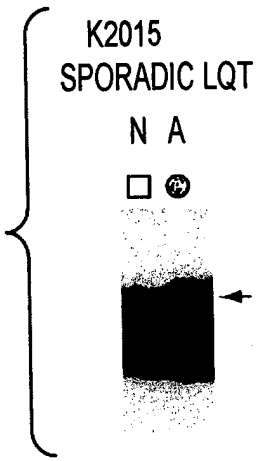


FIG. 12E

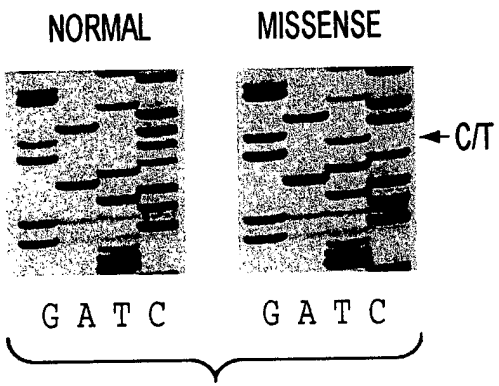


FIG. 12B

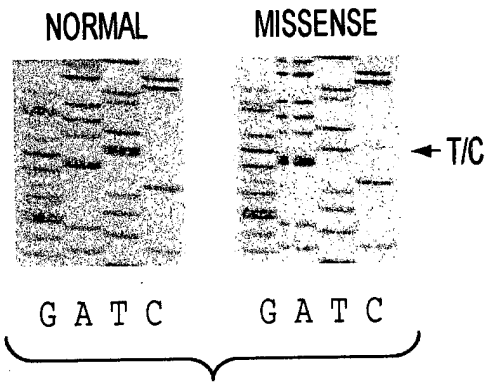


FIG. 12D

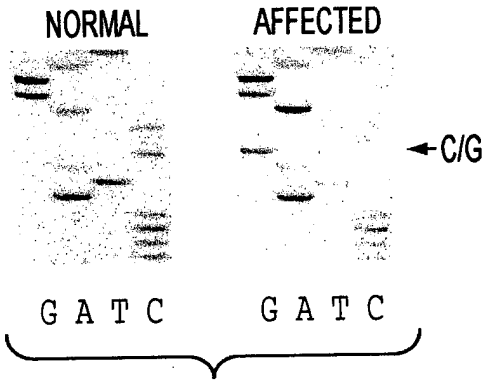


FIG. 12F

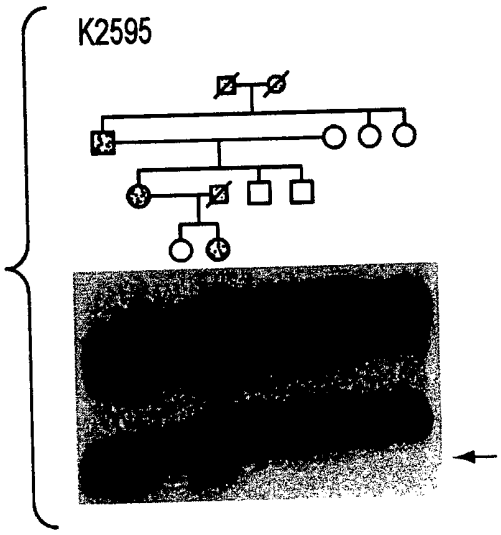


FIG. 11A

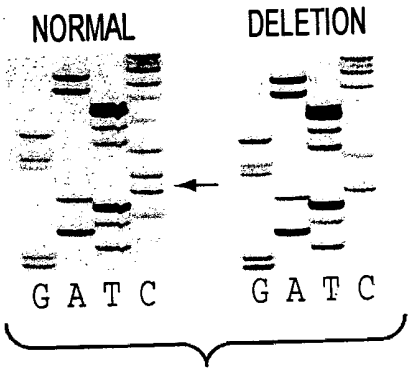


FIG. 11B